



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/695,022	10/27/2003	Shih-Huang Chen	JCLA9382	4245
43831	7590	10/29/2007	EXAMINER	
BERKELEY LAW & TECHNOLOGY GROUP, LLP			LEE, CHEUKFAN	
17933 NW Evergreen Parkway, Suite 250			ART UNIT	PAPER NUMBER
BEAVERTON, OR 97006			2625	
MAIL DATE		DELIVERY MODE		
10/29/2007		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)
	10/695,022	CHEN ET AL.
	Examiner Cheukfan Lee	Art Unit 2625

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 27 October 2003.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) 1-7 is/are allowed.
- 6) Claim(s) 8-12 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 27 October 2003 is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Art Unit: 2625

1. Claims 1-12 are pending. Claims 1 and 8 are independent.

2. Claims 11 and are objected to because of the following:

In claim 11, line 3, "the sliding direction" lacks antecedent basis.
In claim 12, lines 3-4, "the sliding direction" lacks antecedent basis; and
line 4, "the scanning apparatus" lacks antecedent basis.

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –
(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 8-12 are rejected under 35 U.S.C. 102(b) as being anticipated by Takahashi (U.S. Patent No. 6,323,963).

Regarding claim 8, Takahashi discloses a method of scanning a document sheet (a document sheet of a book) having a front side and an opposite reverse side, the method comprising providing a scanning module (200), providing a scanning platform (document base 1), placing the document sheet (included in the book) on the scanning platform (1), driving the scanning module (200) in motion along a path (the right-left or left-right path of the scanning module 200 indicated by arrows in Figs. 22-26) that includes a first portion (the right portion of the path corresponding to the upper side or page of the right sheet of the book) and a second portion (the left portion of the path

corresponding to the reverse side or page of the right sheet, which reverse side or page is made facing upward after the right sheet is turned over by the scanning module 200) respectively facing the front and reverse sides of the document sheet to capture images of both front and reverse sides of the document sheet (the sheet of the book) (Figs. 22-26, col. 16, lines 1-43).

Regarding claim 9, which depends on claim 8, Takahashi further discloses that a first image correction ("correction for shading of the image at the left home position") is performed before the scanning module (200) starts scanning of the front side (the upper side of the right sheet) of the document sheet (the document sheet of the book) (col. 41, lines 50-60, TPS stands for Turn the Page Scanner 200; the home position is shown in Fig. 22).

Regarding claim 10, which, like claim 9, also depends on claim 8, Takahashi further discloses that a second image correction ("correction for shading of the image at the left home position") is performed before the scanning module (200) starts scanning of the reversed side (the lower side of the right sheet, which faces upward after the right sheet is turned) of the document sheet (the document sheet of the book) (col. 41, lines 50-60, TPS stands for Turn the Page Scanner 200; the home position is shown in Fig. 22; Fig. 9 for page turning).

Regarding claim 11, the book including the document sheet is placed on the scanning platform (1) by being fed (fed by an operator when the document platform 1 is at a descended, lower position) along a direction (the direction into the page, Fig. 3) orthogonal to a sliding direction of the scanning module (200) (the left-right direction as indicated by arrows in Figs. 22-26). The platform (1) having the book thereon is then ascended to a position where book document sheet is scanned (Fig. 3, Figs. 22-26, col. 15, lines 50-62).

Regarding claim 12, after scanning of the book (or pages of the book), which includes the document sheet of the book, has been accomplished, the book including the document sheet is released along a direction orthogonal to a sliding direction (a direction indicated by one of the right-left arrows shown in Figs. 22-26) of the scanning module (200), since the platform (1) having the book placed thereon is descends, releasing the book (Fig. 3, col. 13, line 31 – col. 14, line 28, note col. 13, lines 31-33 and 55-59, and col. 14, lines 10-11 and 19-28).

5. Claims 1-7 are allowed.

6. The following is an examiner's statement of reasons for allowance:

Claim 1 is allowable over the prior art of record. Claim 1 requires that the first track portion and the second track portion of the racetrack be connected to each other in a manner to oppositely face the scanning platform on which a document sheet having

a front side and an opposite reverse side is placed. This feature in combination with the scanning module, slidably mounted to the racetrack to slide there along to capture images of the front and reverse sides of the document sheet, is not taught by the prior art of record, including Takahashi (US 6,323,963) applied in the rejection above.

Claims 2-7 depend on claim 1.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Tseng (U.S. Patent Application Publication No. US 2004/0027620 A1), "Double-side image scanner and scanning method of the same"

Tseng (U.S. Patent Application Publication No. US 2004/0140605 A1), "Scanner and scanning method having adjustable length of turn region"

Kao (U.S. Patent No. 6,721,074), "Double side scanner module"

Corby et al. (U.S. Patent No. 6,785,024), "Digital scanner"

Tseng et al. (U.S. Patent No. 6,141,119), "Imaging cartridge for a computer system"

Art Unit: 2625

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheukfan Lee whose telephone number is (571) 272-7407. The examiner can normally be reached on 9:30 a.m. to 6:00 p.m., Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on (571) 272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Cheukfan Lee
September 13, 2007